Minutes (Week #3)

- Budget discussion: Scott says to quote him a possible budget based on needs.
- Hess: Design review in 5 weeks. Present a range of options and estimate cost on each option. Present options.
- Hess mentioned client interview write up is due soon.
- Bryan P: Do we have access to steam plant interface?
  Scott S: Semens uses generalized software. Possible to interface measurement device to steam plant displays.
  Brandon N/Bryan/Hess: Wireless data transmission? Unlikely, due to steel interfering with wireless signals. Wired connection is optimal.
  Hess: Where to run the wires without interfering with plant operation? Copper wire is a good heat conductor.
- Scott M: Emissivity is low for reflective surfaces. Going to need to use more accurate measurement methods based on chosen surface.
- Beth: If we can find an alternative other than a TEG we can since we're in the design phase.
- Scott S: Avoid damage to steam plant/alterations to its function ie. No cutting into steel.
- All: Tentative plan to get wood boiler measurements. (Monday for now, may change based on Scott's schedule).
- Snapshot on Oct. 11th. Objective question. Possible options presented.
- Beth: Go to mindworks website and research snapshot.(informal)
- Finish objective question. Ie. How to provide cold surface? Etc.
- Dr. Hess: "You're creating your own project"
- Scott S: We have the freedom to choose the options. Decide on useful applications of energy and narrow down options.
- Bryan P: Possible charging station for phones, etc.?
- Garrett O: Delta T is more important than high temperatures.
- Dr. Hess: Possible battery charging station to store energy and then use for future applications.
- Garrett O: Boiler does still turn off so a storage device could be a good idea.